

ABSTRACT OF THE DISCLOSURE

A direct current motor including a rotor having a rotation shaft and rotor coils, a stator configured to apply a magnetic field to the rotor via magnetic poles of the stator opposing magnetic poles of the rotor, an electrical parts mounting base board fixed on the rotation shaft
5 such that the rotation shaft perpendicularly intersects the electrical parts mounting base board, and a commutator having a contact electrode part formed with a plane conductive layer pattern and connected to the rotor coils. The contact electrode part is formed on the electrical parts mounting base board. The direct current motor further includes a pair of electrode brushes in sliding contact with the contact electrode part of the commutator and
10 configured to supply electric power to the rotor coils through the commutator.

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